

NATIONAL TALENT SEARCH EXAMINATION-2018-19, ODISHA

MENTAL ABILITY TEST (MAT) HINTS & SOLUTIONS

13. $3(3/4n) = 1/4 \quad n = 9$
 17. $4 \times 1 = (4+1), (4 \times 1) = 54$
 18. $387 = 12160/38 \times 100 \rightarrow 32000$
 19. $46\%01\%91.1N/42\%01.11\%01N = 46 \times 21/ 42 \times 11 = 23/11$

40. $5 \times 6 + 3 \times 3, 3 \times 4 + 5 \times 5$

41. $+36, +36$

52. BEAT: EHDW, ROAD : URDG
 $\xrightarrow{+3} \quad \xrightarrow{+3}$

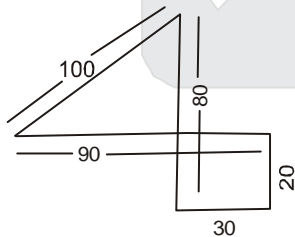
53. N U M B E R ----- U N B M R E
 $\rightarrow \quad \rightarrow \quad \rightarrow$

54. 9, 4.5, 405, 6.75, 13.5, ? 101.25
 $\times 1/2 \quad \times 1 \quad \times 3/2 \quad \times 4/2 \quad \times 5/2 \quad \times 6/2$

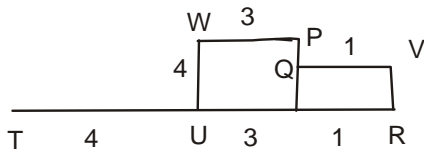
55. ADbc, EGfg, ILjK, MPno

56. zxu, xvs, ?, TRo (VTQ)
 $\xrightarrow{-2} \quad \xrightarrow{-2} \quad \xrightarrow{-2}$

57. A4Z, D7W, ?, J19Q, M28N
 $\xrightarrow{+3} \quad \xrightarrow{+3} \quad \xrightarrow{+3}$

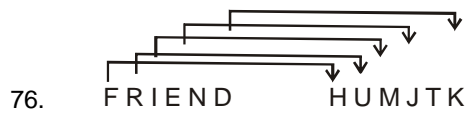
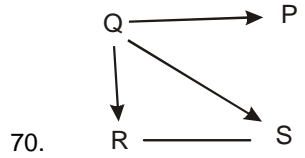


66.



68.

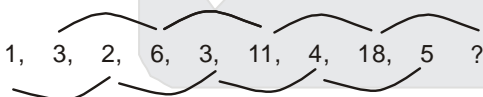
69. $5:10 \rightarrow 30 \times 5 + 10 \times 1/2 = 155^\circ$

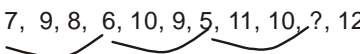


77. G O = 32
20+12=32
S O M E = 56
8+12+14+22 = 56

78. SEARCH
2 1 4 6 7 3

79. doubt Carpet-----> 2
Red-----> 4
Spread-----> 7
One-----> 3

80. 

81. Prime no. addition


82. 28 Triangles, 6 squares

85. 3-5-1 -----> 3- 2- 4

87. 2-1-5 -----> 3-4-6

94. difference of two letters

95. $2 \times 3 + 6 = 12$, $6 \times 7 + 10 = 52$

97. $93 - 63 = 30$, $30 - 27 = 3$

98. $+3, +3$

99. $12/6-3 \times 2+ 8 = 4$

100. $175/25 + 5 \times 20 - 3 \times 10 = 77$

